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QUESTION & ANSWER



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Exam : AZ-104

**Title : Microsoft Azure
Administrator**

Version : V21.02

1.You have Azure virtual machines that run Windows Server 2019 and are configured as shown in the following table.

| Name | Private IP address | Public IP address | Virtual network name | DNS suffix configured in Windows Server |
|------|--------------------|-------------------|----------------------|---|
| VM1 | 10.1.0.4 | 52.186.85.63 | VNET1 | Adatum.com |
| VM2 | 10.1.0.5 | 13.92.168.13 | VNET1 | Contoso.com |

You create a private Azure DNS zone named adatum.com. You configure the adatum.com zone to allow auto registration from VNET1.

Which A records will be added to the adatum.com zone for each virtual machine? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

A records for VM1:

▼

None

Private IP address only

Public IP address only

Private IP address and public IP address

A records for VM2:

▼

None

Private IP address only

Public IP address only

Private IP address and public IP address

Answer:

A records for VM1:

▼

None

Private IP address only

Public IP address only

Private IP address and public IP address

A records for VM2:

▼

None

Private IP address only

Public IP address only

Private IP address and public IP address

Explanation:

The virtual machines are registered (added) to the private zone as A records pointing to their private IP addresses.

Reference:

<https://docs.microsoft.com/en-us/azure/dns/private-dns-overview>

<https://docs.microsoft.com/en-us/azure/dns/private-dns-scenarios>

2.You plan to deploy three Azure virtual machines named VM1, VM2, and VM3. The virtual machines will host a web app named App1.

You need to ensure that at least two virtual machines are available if a single Azure datacenter becomes unavailable.

What should you deploy?

- A. all three virtual machines in a single Availability Zone
- B. all virtual machines in a single Availability Set
- C. each virtual machine in a separate Availability Zone
- D. each virtual machine in a separate Availability Set

Answer: C

Explanation:

Azure makes sure that the VMs you place within an Availability Set run across multiple physical servers, compute racks, storage units, and network switches.

Protecting the app from a data center outage would (imho) require the distribution of VMs among availability zones.

Reference:

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview#availability-zones>

<https://docs.microsoft.com/de-de/azure/virtual-machines/windows/tutorial-availability-sets>

3.You have an Azure virtual machine named VM1 that runs Windows Server 2019.

You save VM1 as a template named Template1 to the Azure Resource Manager library.

You plan to deploy a virtual machine named VM2 from Template1.

What can you configure during the deployment of VM2?

- A. operating system
- B. administrator username
- C. virtual machine size
- D. resource group

Answer: D

Explanation:

When you deploy a template, you specify a resource group that will contain the resources. Before running the deployment command, create the resource group or during deployment also we can create the resource group. If you try to deploy your own template in the portal, there are 3 available options - "Subscription", "Resource Group", "Location".

4.You have an Azure subscription that contains an Azure virtual machine named VM1. VM1 runs a financial reporting app named App1 that does not support multiple active instances.

At the end of each month, CPU usage for VM1 peaks when App1 runs.

You need to create a scheduled runbook to increase the processor performance of VM1 at the end of each

month.

What task should you include in the runbook?

- A. Add the Azure Performance Diagnostics agent to VM1.
- B. Modify the VM size property of VM1.
- C. Add VM1 to a scale set.
- D. Increase the vCPU quota for the subscription.
- E. Add a Desired State Configuration (DSC) extension to VM1.

Answer: E

Explanation:

<https://docs.microsoft.com/en-us/azure/automation/automation-quickstart-dsc-configuration>

5.Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains 10 virtual networks. The virtual networks are hosted in separate resource groups.

Another administrator plans to create several network security groups (NSGs) in the subscription.

You need to ensure that when an NSG is created, it automatically blocks TCP port 8080 between the virtual networks.

Solution: You configure a custom policy definition, and then you assign the policy to the subscription.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Resource policy definition used by Azure Policy enables you to establish conventions for resources in your organization by describing when the policy is enforced and what effect to take.

By defining conventions, you can control costs and more easily manage your resources.

Reference: <https://docs.microsoft.com/en-us/azure/azure-policy/policy-definition>